American Heart Association Scientific Sessions 2012 (Wu lab presentations)

**November 4, 2012 (Sunday)**

**Abstract Poster Session – Bruno Huber**
Sun, Nov 4, 9:00 AM - 5:00 PM, Presenters Available: 3:00 - 4:30 PM, Kentia Hall, Core 5
Session Title: Cell, Tissue Engineering and Gene-Based Therapies
Short-Term Costimulatory Molecule Blockade Promotes Long-Term Engraftment of Transplanted Human Embryonic Stem Cell Derivatives and Improves Cardiac Recovery
Bruno C. Huber, Julia D. Ransohoff, Katherine J. Ransohoff, Patricia E. Almeida, Joseph D. Gold, Robert C. Robbins, Joseph C. Wu

**Moderator – Joseph Wu**
Nov 4 2012 5:30 PM
Moderator (Control#: 3723): Cardiovascular Seminar entitled Imaging Cardiac Stem Cell Biology

**Invited Presenter – Joseph Wu**
Nov 4 2012 5:30 PM
Imaging Biological Actions of Stem Cells (Control#: 3725)

**Moderator – Joseph Wu**
Nov 4 2012
Moderator (Control#: 21080): Abstract Oral Session entitled Melvin Judkins Young Investigator Award in Cardiovascular Radiology

**November 5, 2012 (Monday)**

**Abstract Oral Session – Wendy Zhang**
Monday, November 05, 2012, 9:15 am, Room 410
Zinc Finger Nuclease Technology for Human Pluripotent Stem Cell Genomic Modification and In Vivo Tracking
Wendy Y. Zhang, Stanford Univ, Los Altos Hills, CA; Yongming Wang, Shijun Hu, Feng Lan, Joseph C. Wu, Stanford Univ, Stanford, CA

**Abstract Poster Session – Won Hee Lee**
Monday, November 05, 2012, 9:30 am
Quantitative Flow Cytometry Detects DNA Damage in Patients Undergoing Cardiac SPECT.
Won H. Lee, Patricia K. Nguyen, Shijun Hu, Veronica Sanchez-Freire, Kazim Narsinh, Patricia de Almeida, Andrew S. Lee, Stanford Univ, Stanford, CA; George Segall, Palo Alto Veteran's Hosp, Palo Alto, CA; Joseph C. Wu, Stanford Univ, Stanford, CA

**Invited Presenter – Joseph Wu**
Nov 5 2012 10:45 AM
iPS Cells as an Experimental Platform for Dilated Cardiomyopathy (Control#: 4244) in a Special entitled iPS Cells as Personalized Research Platforms
**November 6, 2012 (Tuesday)**

**Moderator – Joseph Wu**  
Nov 6, 2012 7:30AM  
Moderator (Control#: 4118) in a Cardiovascular Seminar entitled Telling Stem Cells What to Do Without Getting Lost

**Invited Presenter – Joseph Wu**  
Nov 6, 2012 10:45AM  
Panelist (Control#: 22552) in a Late-Breaking Clinical Trials entitled Late-Breaking Clinical Trials: Cell-Based Therapies for Myocardial Regeneration

**Abstract Oral Session – Mingxia Gu**  
9:00 – 10:25 am  Room: 406  
Microfluidic Single Cell Analysis Shows Porcine Induced Pluripotent Stem Cell-Derived Endothelial Cells Improve Myocardial Function by Paracrine Activation  
*Mingxia Gu*, Patricia Nguyen, Shijun Hu, Jordan R Plews, Andrew S Lee, Bruno C Huber, Won Hee Lee, Yongquan Gong, Patricia E. de Almeida, Stem Cell Biology and Regenerative Med, Stanford, CA; Andrew Connolly, Pathology, Stanford, CA; Robert C Robbins, cardiovascular institute, Stanford, CA; Michael T Longaker, surgery, Stanford, CA; Joseph C Wu, Stem Cell Biology and Regenerative Med, Stanford, CA

**Abstract Oral Session – Joseph Gold**  
2:00 – 5:00 pm  Room: Hall A-12  
Session on Stem Cells and Ischemic Tissue Regeneration  
Clinical Hurdles of ESC/iPSC Therapy

**November 7, 2012 (Wednesday)**

**Invited Presenter – Joseph Wu**  
Wednesday, November 07, 2012, 7:00 am  
iPSCs for Modeling Cardiovascular Disease (Control#: 3543) in a How To Session entitled How to Make and Control iPS Cells

**Moderator – Joseph Wu**  
Wednesday, November 07, 2012, 7:30 am  
Moderator (Control#: 3544) in a How To Session entitled How to Make and Control iPS Cells

**Abstract Oral Session – Patricia Nguyen**  
Wednesday, November 07, 2012, 9:45 am  
Single Cell Expression Profiling Reveals Up-Regulation of Radiation Sensitive Genes After Cardiac Computed Tomographic Angiography  
*Patricia Nguyen*, Won Hee Lee, Shijun Hu, Veronica Sanchez-Freire, Patricia De Almeida, Kazim Narsinh, Andrew Lee, Dominik Fleischmann, Joseph Wu, Stanford, Stanford, CA